

## ARIZONA'S 2006 303(d) IMPAIRED WATERS (DRAFT)

A separate list for non-attaining waters exists and should be considered for regulatory purposes.

Surface waters in pale pink are proposed 2006 listings, while white indicates 2004 listings.

SURFACE WATER REACH DESCRIPTION REACH / LAKE NUMBER	SIZE	CAUSES OF IMPAIRMENT	ASSESSMENT CATEGORY*	STATUS OF TMDL DEVELOPMENT
<b>BILL WILLIAMS WATERSHED</b>				
Alamo Lake 15030204-0040A	1414 acres	Low dissolved oxygen, high pH	5	Draft mercury TMDL should be finalized in 2007. Nutrient TMDL to be initiated in 2008.
Bill Williams River From Alamo Lake to Castaneda Wash 15030204-003	35.9 miles	Ammonia, low dissolved oxygen, high pH	5	Nutrient TMDL to be initiated in 2008.
Santa Maria River From Bridle Creek to Date Creek 15030203-009 *Also on Not Attaining List	24.5 miles	Mercury	5	Alamo Lake TMDL may address mercury loadings affecting this reach. TMDL to be initiated in 2010.
Santa Maria River From Little Sycamore Creek to Little Shipp Wash 15030203-013	6.8 miles	Mercury	5	Alamo Lake TMDL may address mercury loadings affecting this reach. TMDL to be initiated in 2010.
<b>COLORADO – GRAND CANYON WATERSHED</b>				
Colorado River From Lake Powell to Paria River 14070006-001	16.3 miles	Selenium	5	TMDL to be initiated in 2008.
Colorado River From Parashant Canyon to Diamond Creek 15010002-003	27.6 miles	Selenium, suspended sediment	5	TMDL to be initiated in 2010.
Paria River From Utah border to Colorado River 14070007-123	29.4 miles	Suspended sediment, <i>E. coli</i>	5	TMDL to be initiated in 2010.
Virgin River From Beaver Dam Wash to Big Bend Wash 15010010-003	10.1 miles	Selenium, suspended sediment	5	TMDL to be initiated in 2008.
<b>COLORADO – LOWER GILA WATERSHED</b>				
Colorado River From Hoover Dam to Lake Mohave 15030101-015	40.4 miles	Selenium	5	TMDL to be initiated in 2008.
Colorado River From Main Canal to Mexico border 15030107-001	32.2 miles	Low dissolved oxygen, selenium	5	TMDL to be initiated in 2008.
Gila River From Coyote Wash to Fortuna Wash 15070201-003	28.3 miles	Selenium, boron	5	TMDL to be initiated in 2008.
Painted Rock Borrow Pit Lake 15070201-1010	185 acres	Low dissolved oxygen	5	The low dissolved oxygen TMDL will be initiated when the lake refills and stabilizes.
<b>LITTLE COLORADO WATERSHED</b>				
Little Colorado River From Silver Creek to Carr Wash 15020002-004	6.1 miles	Sediment, <i>E. coli</i>	5	To initiate in 2007.
Little Colorado River From Porter Tank Draw to McDonalds Wash 15020008-017	17.4 miles	Copper, silver, sediment	5	To initiate in 2007.
<b>MIDDLE GILA WATERSHED</b>				
Alvord Lake 15060106B-0050	27 acres	Ammonia	5	To initiate in 2007.
Chaparral Park Lake 15060106B-0300	12 acres	Low dissolved oxygen, <i>E. coli</i>	5	To initiate in 2007.

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Cortez Park Lake 15060106B-0410	2 acres	Low dissolved oxygen, high pH	5	To initiate in 2007.
Gila River From San Pedro River to Mineral Cr. 15050100-008	19.8 miles	Suspended sediment	5	TMDL to be initiated in 2009.
Gila River From Centennial Wash to Gillespie Dam 15070101-008	5.3 miles	Selenium and boron	5	To be initiated in 2008.
Hassayampa River From headwaters to Copper Creek 15070103-007A *Also on Not Attaining List	11 miles	Low pH	5	Mine remediation actions should also address low pH.
Mineral Creek From Devil's Canyon to Gila River 15050100-012B	19.6 miles	Copper, selenium, and low dissolved oxygen	5	To initiate in 2011. Remediation activities appear to be mitigating copper loading.
Queen Creek From headwaters to mining discharge 15050100-014A	8.8 miles	Copper	5	Copper TMDL in progress. To be completed in 2007.
Queen Creek From mining WWTP discharge to Potts Canyon 15050100-014B	5.9 miles	Copper	5	Copper TMDL in progress. To be completed in 2007.
Turkey Creek From unnamed tributary to Poland Creek 15070102-036B	21 miles	Copper and lead	5	Copper and lead TMDL completed in 2006.
<b>SALT WATERSHED</b>				
Apache Lake 15060106A-0070	2190 acres	Low dissolved oxygen	5	Salt River Reservoir nutrient TMDL to be initiated in 2009.
Canyon Lake 15060106A-0250	450 acres	Low dissolved oxygen	5	Salt River Reservoir nutrient TMDL to be initiated in 2009.
Christopher Creek From headwaters to Tonto Creek 15060105-353 *Also on Not Attaining List	8 miles	Phosphorus	5	Nutrient reduction strategies should also address phosphorus. TMDL will be initiated in 2010 if still needed.
Five Point Tributary From headwaters to Pinto Creek 15060103-885	2.9 miles	Copper	5	Loadings from this tributary should be addressed in the Pinto Creek Phase II TMDL.
Gibson Mine Tributary From headwaters to Pinto Creek 15060103-887	1 miles	Copper	5	Loadings from this tributary should be addressed in the Pinto Creek Phase II TMDL.
Pinto Creek From headwaters to tributary at 331927/1105456 15060103-018A	2.5 miles	Copper	5	Loadings from this tributary should be addressed in the Pinto Creek Phase II TMDL.
Pinto Creek From tributary at 331927/1105456 to West Fork Pinto Creek 15060103-018B	15.3 miles	Copper and selenium	5	Copper loadings from this tributary should be addressed in the Pinto Creek Phase II TMDL.
Pinto Creek From West Fork Pinto Creek to Roosevelt Lake 15060103-018C	17.8 miles	Copper and selenium	5	Copper loadings from this tributary should be addressed in the Pinto Creek Phase II TMDL.
Salt River From Pinal Creek to Roosevelt Lake 15060106A-004	7.5 miles	Suspended sediment	5	To be initiated in 2010.
Salt River From Stewart Mountain Dam to Verde River 15060106A-003	10.1 miles	Low dissolved oxygen	5	Salt River Reservoir nutrient TMDL to be initiated in 2009.

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Tonto Creek From headwaters to 341810/1110414 15060105-013A *Also on Not Attaining List	8.1 miles	Phosphorus	5	Nutrient reduction strategies should reduce phosphorus loadings. TMDL will be initiated in 2010 if needed.
<b>SAN PEDRO WATERSHED</b>				
Brewery Gulch From headwaters to Mule Gulch 15080301-337	1 mile	Copper	5	Copper loadings from this tributary will be addressed in the Mule Creek copper TMDL.
Mule Gulch From headwaters to above Lavender Pit 15080301-090A	3 miles	Copper	5	Ongoing TMDLs to be completed in 2007. To establish site-specific criteria for copper.
Mule Gulch From above Lavender Pit to Bisbee WWTP discharge 15080301-090B	0.8 miles	Copper	5	Ongoing TMDLs to be completed in 2007. To establish site-specific criteria for copper.
Mule Gulch From Bisbee WWTP discharge to Highway 80 bridge 15080301-090C	3.8 miles	Copper and zinc	5	Ongoing TMDLs to be completed in 2007. To establish site-specific criteria for copper.
San Pedro River From Babocomari Creek to Dragoon Wash 15050202-003	17 miles	<i>E. coli</i>	5	Initiated TMDL in 2006. To complete in 2008.
San Pedro River From Dragoon Wash to Tres Alamos Wash 15050202-002	15.5 miles	Nitrate	5	Ongoing Superfund remediation and monitoring. ADEQ is proposing dropping site-specific nitrate standard for this reach during the current Triennial Review Process.
San Pedro River From Aravaipa Creek to Gila River 15050203-001	14.8 miles	Selenium and <i>E. coli</i>	5	Initiated TMDL in 2006. To complete in 2008.
<b>SANTA CRUZ WATERSHED</b>				
Nogales Wash From Mexico border to Potrero Cr. 15050301-011	6.2 miles	Copper, ammonia, <i>E. coli</i> , and chlorine	5	Necessity of TMDL development will be based on outcome of current international remediation activities on infrastructure in Mexico.
Santa Cruz River From New Mexico border to Nogales Intl WWTP discharge 15050301-010	17 miles	<i>E. coli</i>	5	Will initiate TMDL when stream flow returns. (Current drought.)
Sonoita Creek From 750 feet below Patagonia WWTP discharge to Santa Cruz R. 15050301-013C	18.6 miles	Zinc and low dissolved oxygen	5	To initiate in 2006 and complete in 2008.
<b>UPPER GILA WATERSHED</b>				
Blue River From Strayhorse Creek to San Francisco River 15040004-025B	25.4 miles	<i>E. coli</i>	5	To initiate in 2008.
Cave Creek From headwaters to South Fork Cave Creek 15040006-852A	7.5 miles	Selenium	5	Initiated TMDL in 2006. To complete in 2008.
Gila River From New Mexico border to Bitter Cr 15040002-004	16.3 miles	Suspended sediment, <i>E. coli</i>	5	Initiated TMDL in 2006. To complete in 2008.
Gila River From Bonita Creek to Yuma Wash 15040005-022	5.8 miles	<i>E. coli</i>	5	Initiated TMDL in 2006. To complete in 2008.
Gila River From Skully Creek to San Francisco River 15040002-001	15.2 miles	Selenium	5	Initiated TMDL in 2006. To complete in 2008.

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San Francisco River From Blue River to Limestone Gulch 15060004-003	18.7 miles	<i>E. coli</i>	5	Initiated TMDL in 2006. To complete in 2008.
<b>VERDE WATERSHED</b>				
East Verde River From American Gulch to Verde River 15060203-022C	25.8 miles	Arsenic and boron	5	Initiated TMDL in 2006. To complete in 2008.
East Verde River From Ellison Creek to American Gulch 15060203-022B	20.3 miles	Selenium	5	To initiate in 2010.
Oak Creek From headwaters to West Fork Oak Creek 15060202-019	7.4 miles	<i>E. coli</i>	5	Initiated Phase II bacteria TMDL in 2004. To complete in 2008.
Oak Creek From West Fork Oak Creek to tributary at 345709/1114513 15060202-018A	5 miles	<i>E. coli</i>	5	Initiated Phase II bacteria TMDL in 2004. To complete in 2008.
Oak Creek From tributary at 345709/1114513 to downstream boundary of Slide Rock State Park 15060202-018B	1 mile	<i>E. coli</i>	5	Initiated Phase II bacteria TMDL in 2004. To complete in 2008.
Oak Creek From Slide Rock State Park to Dry Creek 15060202-018C	20 miles	<i>E. coli</i>	5	Initiated Phase II bacteria TMDL in 2004. To complete in 2008.
Oak Creek From Dry Creek to Spring Creek 15060202-017	10 miles	<i>E. coli</i>	5	Initiated Phase II bacteria TMDL in 2004. To complete in 2008.
Spring Creek From Coffee Creek to Oak Creek 15060202-022	6.4 miles	<i>E. coli</i>	5	To address bacteria loading from this tributary in the Oak Creek Phase II bacteria TMDL.

**\*Assessment Categories:**

Category 5 – Impaired surface waters where a Total Maximum Daily Load (TMDL) analysis is required.

Category 4 – At least one designated use is impaired or threatened but development of a TMDL is not needed (at this time). Note that these assessment units are considered impaired under permit requirements. Three subcategories exist in Arizona:

4A – The TMDL has been completed, is being implemented, and appears to be sufficient;

4B – Alternative pollution control requirements or actions are expected to result in the attainment of water quality standards;

4C – The impairment is caused by pollution but not a pollutant; or

4N – Impairment is caused *solely* due to natural conditions (no human contribution).

(Further information is provided in the *Surface Water Assessment Methods and Technical Support* document.)